

# SilentWrap™ Acoustical Barrier

# **TECHNICAL SPECIFICATION**

**SilentWrap<sup>™</sup>** is an acoustical barrier designed to reduce the sound transmission through walls, ceilings and floors in virtually any environment. Unlike drywall, metal or wood, SilentWrap<sup>™</sup> is a flexible, yet dense polymer barrier that dampens vibrations in the structure and also reduces the transmission of airborne noises.

### SilentWrap<sup>™</sup> Benefits

Efficient Sound Isolation: Reduces perceived Noise Levels up to 88%.

- Easy Installation Can be cut with a utility knife or shears and is easily installed under standard drywall, above ceilings or under carpeted or floating floors. No special tools or labor required. We provide all the accessories and supplies for installation (see the back page).
- Cost-Effective Lower total cost than installing multiple drywall layers or pouring additional layers of concrete flooring
- **Green Product** SilentWrap is made from post-industrial recycled products and is fully recyclable.

### SilentWrap<sup>™</sup> Applications

#### Residential

- Home Theaters
- Condos
- Music Rooms
- Bedrooms, Bathrooms, Basements
- Multi-Family Buildings
- Noisy Plumbing

#### Commercial

- Recording Studios
- Educational Facilities
- Places of Worship
- Theaters and Performing Arts
- Healthcare Facilities
- Hotels.....and many more



30700 Carter Street, Unit B Solon, OH 44139

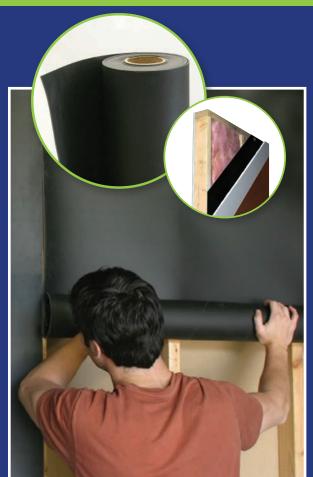
**Toll Free: (877) 399-9697** Email: info@soundacousticsolutions.com

Rev 0319

# soundacousticsolutions.com

Other acoustical products available from Sound Acoustic Solutions:

SilentCeiling Black<sup>™</sup> (black fiberglass ceiling tiles) SilentFiber<sup>™</sup> Wall Panels (sound absorption wall panels) SilentCurtain<sup>™</sup> (noise barrier products)



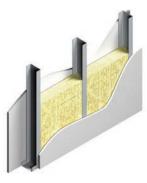


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# **TECHNICAL SPECIFICATION**

# SilentWrap STC comparison. All with single layer drywall both sides.





STC 29: wood stud

**STC 42:** steel stud + insulation



**STC 51:** wood stud + insulation + SilentWrap



**STC 53:** steel stud + insulation + SilentWrap

## **Physical Properties**

|         | -                          |           | Acoustical                    |
|---------|----------------------------|-----------|-------------------------------|
|         | <b>Weight</b><br>[lb/sqft] | Roll Size | Properties<br>per ASTM E90-97 |
| SW-0548 | 0.5                        | 48″ x 50′ | STC 20                        |
| SW-1048 | 1.0                        | 48″ x 25′ | STC 26                        |
| SW-1054 | 1.0                        | 54″ x 60′ | STC 26                        |
| SW-1548 | 1.5                        | 48″ x 25′ | STC 29                        |
| SW-2048 | 2.0                        | 48″ x 25′ | STC 31                        |

Custom sizes available upon request Can be used in fire rated wall, floor and ceiling designs



## Accessories & Supplies

#### 133 Scapa Tape [TAPES260B]

Polyethylene Film, single coated with a rubber pressure sensitive adhesive. Bonds well to most surfaces, including those over a wide temperature range. Total Thickness: 7.5mil, Width: 2".

#### **OSI® Acoustical Sealant [CAULKSC175]**

OSI® Acoustical Sound Latex Sealant is a water based sealant designed to reduce sound transmission is walls and partition systems. Sealant is non-hardening, nonstaining and freeze-thaw stable. VOC compliant. Available in a 28oz. tube.

#### SilentPutty Pads [AC.SP77]

Designed to stop hidden airborne sound leaks around electrical outlet and switch boxes. UL classified for both plastic and metal outlet boxes, SilentPutty Pads block the transmission of sound, smoke, fire and toxic gases. Size: 1/8" x 7.25" x 7.25".

#### Staples [FASTSTT5012]

Our heavy duty staples provide the most affordable and fast means of attaching SilentWrap<sup>™</sup>. Staples are available in various sizes.

For more information, please visit us at: www.SoundAcousticSolutions.com Toll Free: (877) 399-9697 | Email: info@soundacousticsolutions.com